

REMARKS

Claims 1-30 are pending in this application. By this Amendment, the Abstract, specification and claims 2, 4-10, 12-15, 17-18, 21-23, 26-27 and 29 are amended. Various amendments are made for clarity and are unrelated to issues of patentability.

Applicant gratefully acknowledges the Office Action's indication that claims 12-20 are allowed and that claims 6, 7 and 11 contain allowable subject matter.

The Office Action rejects claims 1, 2, 4, 5, 8-10, 21, 22, 24-30 under 35 U.S.C. §103(a) over U.S. Patent 7,130,360 to Lee et al. (hereafter Lee) in view of U.S. Patent Publication 2005/0053048 to Van Der Wal et al. (hereafter Van Der Wal). The Office Action also rejects claims 3 and 23 under 35 U.S.C. §103(a) over Lee, Van Der Wal and further in view of U.S. Patent 5,442,579 to Thomson.

The present application claims priority from Korean Patent Application No. 67669/2002, filed November 2, 2002. The Korean priority document fully supports each of the rejected claims. Applicant will forward a verified English-language translation of this Korean priority document in the very near future. On the other hand, Lee has a U.S. filing date of November 13, 2002, which is subsequent to the Korean priority date. Accordingly, Lee is not prior art to the present application under 35 U.S.C. §102(e).

It is respectfully submitted that the other applied references do not teach or suggest the features of each of the claims. Thus, the outstanding rejections should be withdrawn at least for these reasons.

Serial No. 10/696,997

Docket No. P-0588

Reply to Office Action dated February 22, 2007

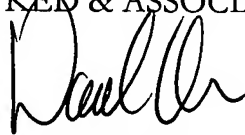
Each of the dependent claims depends from one of the independent claims and therefore defines patentable subject matter at least for this reason. In addition, the dependent claims recite features that further and independently distinguish over the applied references.

CONCLUSION

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-30 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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Attachment:
Substitute Abstract

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